



The Juiciest Section

ORANGE SECTION

NEWSLETTER

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FLABOB STUDENTS TALK TO AN ASTRONAUT

K6LCS ISS Contact



Students at the The Tom Wathen Center at the historic Flabob Airport in Jurupa Valley (Riverside County), CA, prepared for an amateur radio call from the International Space Station on Thursday morning, April 19, 2012 at 10:03AM PDT.

The site was chosen for this Amateur Radio on the International Space Station (ARISS) contact during an open application process in the Fall of 2011. The 10-min live question-and-answer session took place in Flabob's Hanger 16A conference center, and was free to the public.

An amateur radio station is operational onboard the International Space Station (ISS). Most astronauts have amateur radio licenses and operate the

onboard station to contact radio amateur ground stations in their free time. Per an agreement with multiple space agencies involved with building the ISS, ARISS prepares and implements educational contacts for students - more than 120 in 2011 alone. Amateur radio operators on the ground volunteer their radio station, expertise and time to make the conversations between the students and astronauts happen. The ARISS international working group is supported by the national radio amateur societies [AMSAT-NA](#) and the [American Radio Relay League \(ARRL\)](#).

To prepare for the ARISS contact, Flabob students studied the history and mission of space station and mission control, rocket



fabrication, astronaut selection and training, and mission control and station operations along with radio technology and communication topics.

The ARISS contact was one in a series with educational organizations in the U.S. and abroad to improve teaching and learning in science, technology, engineering and mathematics. It is an integral component of Teaching From Space, a NASA Education office. The office promotes learning opportunities and builds partnerships with the education community using the unique environment of human spaceflight. [Click here](#) for more information on Teaching From Space.



FLABOB STUDENTS TALK TO AN ASTRONAUT	1
SCDXC Annual Picnic	2
New Rules for 5 MHz (60 Meters) To Go Into Effect March 5	3
1st Annual Be Ready Prepper's Fair	4
Ads and upcoming events	5

SCDXC Annual Picnic

Sunday June 3, 2012 at 11:00am

The SCDXC Picnic will be held Sunday, June 3, at Woodley Park, Grove 2, in Van Nuys. The club provides hamburgers, hot dogs, chicken, drinks, and paper goods. Bring a side dish and your appetite! Talk in on W6AM/R 145.480 MHz PL 100.00 Hz.

Prizes

We will have our special raffle board for a chance at complete station package (One Drawing). This includes an Icom IC 7200 100 watt transceiver, LDG IT-100 100 watt antenna tuner, and an Alinco DM-330mvt 32 amp power supply! The spots are \$10.00 each. Square sales will begin at the March meeting.

Directions

The location this year is just south of the Donald C. Tillman Water Reclamation Plant. Enter at the entrance of the water reclamation plant. Look for our club signs and banners!

From the south exit the 405 freeway at Burbank, this is the first exit past the 101 Fwy. Turn left (West) onto Burbank travel about 3/4 of a mile to Woodley Ave. Turn Right at the stop light and go north about 1/4 of a mile. The entrance to the picnic area and parking lot will be on the right (East) side.

From the north exit the 405 Freeway at Burbank, Turn right (West) onto Burbank travel about 3/4 of a mile to Woodley Ave. Turn Right at the stop light and go north about 1/4 of a mile. The entrance to the picnic area (East) side.

See you there!



and parking lot will be on the right

New Rules for 5 MHz (60 Meters) To Go Into Effect March 5

On November 18, the FCC released a Report and Order (R&O), defining new rules for the 60 meter (5 MHz) band. These rules are in response to a Petition for Rulemaking (PRM) filed by the ARRL more than five years ago and a June 2010 Notice of Proposed Rulemaking (NPRM). In the February 3 edition of the Federal Register, the FCC announced that these new rules will go into effect on March 5, 2012.

Details can be found at,

<https://www.federalregister.gov/articles/2012/02/03/2012-2477/amateur-radio-use-of-the-allocation-at-5-mhz>

In summarizing the new rules, the FCC explained that the new rules amend the current rules to facilitate more efficient and effective use by the Amateur Radio Service of five channels in the 5330.5-5406.4 kHz band (the 60 meter band): "Specifically, and consistent with our proposals in the Notice of Proposed Rulemaking in this proceeding, the Commission replaces one of the channels with a less encumbered one, increases the maximum authorized power amateur stations may transmit in this band and authorizes amateur stations to transmit three additional emission designators. The Commission also adopts an additional operational rule that prohibits the use of automatically controlled digital stations and makes editorial revisions to the relevant portions of the Table of Frequency Allocations and our service rules."

The Amateur Radio Service in the United States has a secondary allocation on 60 meters. Only those amateurs who hold General, Advanced or Amateur Extra class licenses may operate on this band. Amateur stations must not cause harmful interference to -- and must accept interference from -- stations authorized by any administration in the fixed service, as well as mobile (except aeronautical mobile) stations authorized by the administrations of other countries.

Prepare with Us!

1st Annual

Be Ready Prepper's Fair

Seminars offered throughout the day

Topics include:
Disaster preparedness
Communications Alternative Power
Food Storage And More!!!

VE Test Session
Getting your first license?
Ready to Upgrade?
Take your test here!
Testing scheduled for 11:00 am

Just some of the reason's to attend:

- Learn some of the latest preparedness tips
- Ask questions of the industry's top experts
- See some of newest preparedness products
- Learn about Ham Radio operation

Don't MISS out on this event
Mark your calendars today!

Featuring:

KENWOOD



And more!



When: Saturday, June 30th
Time: 9:00 am to 3:00 pm
Where: Be Ready Inc. Parking Lot
602 Garrison Street
Oceanside, CA

For more details contact Adam: 760-936-2300

****Train & Bus stops within 1 block at the El Camino Real Location*

<h1>The DX Store</h1> <p>Amateur Radio Equipment for DXers A Shack on the belt Free Zone</p>	<p>Website: www.dxstore.com Contact: Jim Shryne N6DHz Email: n6dhz@dxstore.com</p>	<h2>FORD Electronics.com</h2> <p>Website: www.fordelectronics.com 714 521.8080 Email: sales@fordel.com</p>
	<p>Website: www.hamradio.com Email: anaheim@hamradio.com Ph: 1 800.854.6046</p>	
	<p>Website: www.nicadladyonline.com 1 800 906.6423 Email: sales@nicadlady.com</p>	
	<p>Website: www.hiqantenna.com 1 877.373.2776 Email: sales@hiqantennas.com</p>	<h2>Local Companies That Support Amateur Radio In The Orange Section</h2>

Events coming up in our Section and areas:

SCDXC Picnic, Woodley Park, Grove 2, in Van Nuys – June 3 2012 – The club provides hamburgers, hot dogs, chicken, drinks, and paper goods. Bring a side dish and your appetite! Talk in on W6AM/R 145.480 MHz PL 100.00 Hz

Events coming up in other Sections and areas:

Prepper Fair , Oceanside, CA – June 30 2012 – They have invited Amateur Radio to participate with them in an event they are calling Prepper Fair. Emergency based for the community with Amateurs showing what we do when a disaster takes place. Here is their website www.bereadyinc.com.

International DX Convention, Visalia – April 20 – 22 2012 – This will be the 63rd Annual DX Convention. This is a delightful convention where everyone has a great time. Meet new friends and old friends from around the world or from around the corner that you may have talked to on the radio, but never met. If you are new to DXing or contesting, this is the place to be. Visit often <http://www.dxconvention.org>



If you would like to get involved with message handling, please give our Section Traffic Manager an email: bhunter3@mindspring.com

73, Bruce, KI6RUW ARRL Orange STM

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